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(21) International Application Number: PCT/US98/25875 (22) International Filing Date: 7 December 1998 (07.12.98) (30) Priority Data: 60/067,904 8 December 1997 (08.12.97) US (71) Applicant (for all designated States except US): AVERY DENNISON CORPORATION [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): AKHAVE, Jay, R. [US/US]; 2307 Meadowglen Street, Upland, CA 91784 (US). GERMERAAD, Paul, B. [US/US]; 3701 Madison Road, La Canada, CA 91011 (US). LICON, Mark, Anthony [US/US]; 266 North Rock River Drive, Diamond Bar, CA 91765 (US). ECKHARDT, Timothy, Ryan [US/US]; 255 East Hurst Street, Covina, CA 91723-1128 (US). REAVES, Jessie, C. [US/US]; 1159 South Longwood Avenue, Los Angeles, CA 90019 (US). IYER, Pradeep, S. [US/US]; 3111 Cabo Blanco Drive, Hacienda Heights, CA 91745 (US). POPAT, Ghanshyam, H. [US/US]; 10365 Bristol Drive, Alta Loma, CA 91737 (US).		(74) Agents: THOMPSON, Clifton, W. et al.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: CONTROLLED DROPLET FORMED LAYERED STRUCTURES (57) Abstract <p>A laminate, comprising a substrate and at least two controlled droplet-formed layers further comprising an array of discrete placed material volumes having a thickness extent, each material volume having a selected magnitude and a selected position relative to adjacent material volumes, said array being formed by deposition of droplets of selected volume at selected locations with respect to one another.</p>		

